

Product datasheet for **AM31233AF-N**

CD28 Mouse Monoclonal Antibody [Clone ID: B-T3]

Product data:

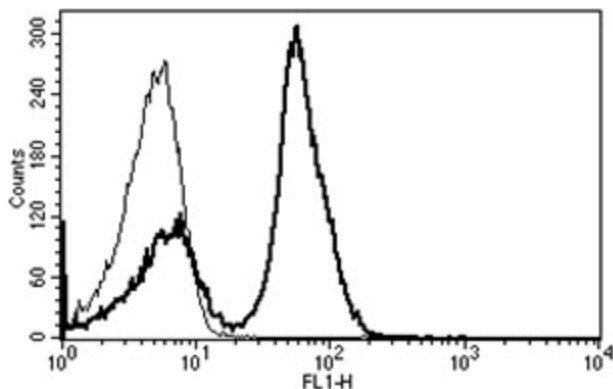
Product Type:	Primary Antibodies
Clone Name:	B-T3
Applications:	FC, FN, IHC
Recommended Dilution:	Flow Cytometry. Immunohistochemistry. Functional Assay: Inhibits Mixed Lymphocyte Culture. Co-stimulates T cell proliferation.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	U266 cell line
Specificity:	This antibody recognises the B7/BB1 receptor (B7/BB1 R), a 44 kDa protein.
Formulation:	Phosphate-buffered saline. Sterile-filtered through 0.22 µm and treated to remove endotoxins. Carrier and preservative free. State: Azide Free State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Ion Exchange Chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	CD28 molecule
Database Link:	Entrez Gene 940 Human P10747
Background:	CD28 contains 1 Ig-like V-type (immunoglobulin-like) domain. Involved in T-cell activation, the induction of cell proliferation and cytokine production and promotion of T-cell survival.



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Synonyms:	TP44
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Allograft rejection, Autoimmune thyroid disease, Cell adhesion molecules (CAMs), Graft-versus-host disease, Systemic lupus erythematosus, T cell receptor signaling pathway, Type I diabetes mellitus, Viral myocarditis

Product images:



A typical staining pattern with the B-T3 monoclonal antibody of lymphocytes